

What is claimed is:

1. An automatic contrast compensation apparatus for
an OLED display, comprising:

5 a photo detector for detecting environmental light
 intensity;

an OLED driver for receiving a signal from said photo
detector to increase brightness of said OLED
display when said environmental light intensity
10 increases;

a solar cell for providing power for said OLED driver to
increase brightness of said OLED display; and

15 a safety clamping circuit connected between said
 solar cell and OLED driver for over-current
 protection of said OLED driver in blaze.

2. An automatic contrast compensation apparatus for
an OLED display, comprising:

an OLED driver for driving said OLED display;

20 a solar cell for providing power for said OLED driver to
 increase brightness of said OLED display when
 environmental light intensity increases;

25 a safety clamping circuit connected between said
 solar cell and OLED driver for over-current
 protection of said OLED driver in blaze; and

a switch for controlling said OLED driver to increase
brightness of said OLED display.

3. An automatic contrast compensation apparatus for
5 an OLED display, comprising:

an OLED driver for driving said OLED display;
a solar cell for providing power for said OLED driver to
increase brightness of said OLED display when
environmental light intensity increases;

10 a switch for controlling said OLED driver to increase
brightness of said OLED display.